

SYSTEM AND METHOD FOR DETERMINING CORRELATIONS IN A  
COMMUNICATIONS NETWORK

ABSTRACT

The present invention provides a system and method for determining whether two or  
5 more parameters influence one another within a communications network by obtaining a set  
of measurements for two or more parameters. A correlation and a partial correlation between  
each of the parameters are then determined. A determination is then made as to whether the  
correlations and the partial correlations are statistically significant. Thereafter, a  
determination is made as to whether the two or more parameters, if any, influence one  
10 another based on the statistically significant correlations and partial correlations.

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